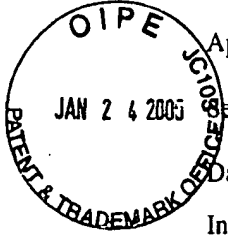


**SECTION 2. FORMS PTO/SB/08A and 08B (formerly Form PTO-1449)**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**



Applicants: Txertzinis et al.

Atty. Docket: NEB-208/9

Serial No: 10/622,240

Art Group Unit: 1645

Date Filed: July 18, 2003

Examiner Name: Not yet assigned

Invention: Organellar Targeting of RNA and its Use in the Interruption of Environmental Gene Flow

**LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

U.S. PATENT DOCUMENTS					
Examiner Initials	Reference Number	Document Number	Pub. Date	Inventor	Class/Subclass
<i>I.P.</i>	AI	US-2002-0086356	04 July 2002	Tuschl	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Reference Number	Country Code	Document Number	Publication Date	Patentee or Applicant	Class/Subclass
<i>I.P.</i>	BK	PCT	EPO Search Report-	22 Dec. 2004		

OTHER DOCUMENTS			
Examiner Initials	Reference Number	Author	Title of Article, Title of Journal, Volume Number, Page Numbers, Date
<i>I.P.</i>	DC	Billy et al.	PNAS 98/25:14428-14433 (2001)

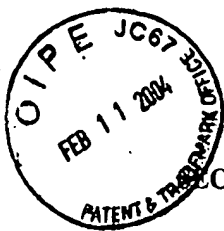
Examiner Signature:

*[Signature]*

Date Considered:

*03/21/06*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation *if not* in conformance and not considered. Include copy of this form with next communication to applicant.



SECTION 2. FORMS PTO/SB/08A and 08B (formerly Form PTO-1449)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Tzertzinis et al. Attorney Docket: NEB-208/9-US  
Serial No: 10/622,240 Art Group Unit: 1645  
Date Filed: 7/18/03 Examiner Name:  
Invention: Methods and Compositions Relating to Gene Silencing

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE STATEMENT

U.S. PATENT DOCUMENTS					
Examiner Initials	Reference Number	Document Number	Issue/Pub. Date	Inventor	Class/Subclass
J.P.	AA	US 6,506,559	01/14/03	Fire et al.	C12Q 1/68
	AB	US20030125281	07/03/03	Lewis et al.	A61K 048/00
	AC	US20020162126	10/31/02	Beach et al.	A01K 067/00
	AD	US20030108923	06/12/03	Tuschl et al.	C12Q 001/68
	AE	US20020173478	11/21/02	Gewirtz	A61K 048/00
	AF	US20020114784	08/22/02	Li et al.	A61K 048/00
	AG	US20020086356	07/04/02	Tuschl et al.	C12P 021/02
J.P.	AH	US20020132346	09/19/02	Cibelli	C12N 5/08

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Reference Number	Country Code	Document Number	Publication Date	Patentee or Applicant	Class/Subclass
J.P.	BA	WO	01/68836	20/09/01	Genetica	C12N 15/10
	BB	WO	01/75164	11/10/01	Whitehead	C12Q 1/68
	BC	WO	99/32619	01/07/99	Carnegie	C12N 15/11
	BD	WO	02/055693	18/07/02	Ribopharma	C12N 15/11
	BE	EP	1144623	28/08/02	Ribopharma	C12N 15/11
	BF	WO	01/70949	11/06/02	Benitec	C12N 15/11
	BG	WO	01/36646	25/05/01	Cancer Res.	C12N 15/63
	BH	AU	3564702	13/06/02	Benitec	C12N 15/11
	BI	NZ	506648	29/08/03	Benitec	C12N 15/11
J.P.	BJ	WO	01/29058	26/04/01	U.Mass	C07H 21/04

OTHER DOCUMENTS			
Examiner Initials	Reference Number	Author	Title of Article, Title of Journal, Volume Number, Page Numbers, Date
J.P.	CA	Fire et al.	"Potent and specific genetic interference by double-stranded RNA in <i>Caenorhabditis elegans</i> ," Nature 391: 806-811 (1998)
J.P.	CB	Yang et al.	"Specific Double-Stranded RNA Interference in Undifferentiated Mouse Embryonic Stem Cells," Mol. Cell. Biol. 21: 7807-7816 (2001)

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03/31/06

**SECTION 2. FORMS PTO/SB/08A and 08B (formerly Form PTO-1449)**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Tzertzinis et al. Attorney Docket: NEB-208/9-US  
 Serial No: 10/622,240 Art Group Unit: 1645  
 Date Filed: 7/18/03 Examiner Name:  
 Invention: Methods and Compositions Relating to Gene Silencing

**LIST OF OTHER DOCUMENTS CONTINUED**

OTHER DOCUMENTS			
Examiner Initials	Reference Number	Author	Title of Article, Title of Journal, Volume Number, Page Numbers, Date
1.P.	CC	Elbashir et al.	"Duplexes of 21-nucleotide RNAs mediate RNA interference in cultured mammalian cells," Nature 411: 494-498 (2001)
	CD	Hammond et al.	"Post-Transcriptional Gene Silencing by Double-Stranded RNA," Nature Reviews Genetics 2: 110-119 (2001)
	CE	Sharp	"RNA interference-2001," Genes & Dev. 15: 485-490 (2001)
	CF	Holen et al.	"Positional effects of short interfering RNAs targeting the human coagulation trigger Tissue Factor," Nucleic Acids Res. 30: 1757-1766 (2002)
	CG	Donze and Picard	"RNA interference in mammalian cells using siRNAs synthesized with T7 RNA polymerase," Nucleic Acids Res. 30: No. 10 e46 (2002)
	CH	Paddison et al.	"Short hairpin RNAs (shRNAs) induce sequence-specific silencing in mammalian cells," Genes and Dev. 16:948-958 (2002)
	CI	Bernstein et al.	"Role for a bidentate ribonuclease in the initiation step of RNA interference," Nature 409:363-366 (2001)
	CJ	Paddison et al.	"Stable suppression of gene expression by RNAi in mammalian cells," Proc. Natl. Acad. Sci. 99:1443-1448 (2002)
	CK	Myers et al.	"Recombinant Dicer efficiently converts large dsRNAs into siRNAs suitable for gene silencing," Nature Biotechnology, 21:324-328 (2003)
1.P.	CL	Yang et al.	"Short RNA duplexes produced by

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LP			hydrolysis with <i>Escherichia coli</i> RNase III mediate effective RNA interference in mammalian cells, "Proc. Natl. Acad. Sci. 99: 9942-9947 (2002)
LP	CM	Zhang et al.	"Human Dicer preferentially cleaves dsRNAs at their termini without a requirement for ATP," EMBO Journal 21:5875-5885 (2002)
	CN	Amarzguoui et al.	"Tolerance for mutations and chemical modifications in a siRNA," Nucleic Acids Res. 31:589-595 (2003)
	CO	Li et al.	"Ribonuclease III cleavage of a bacteriophage T7 processing signal. Divalent cation specificity, and specific anion effects," Nucleic Acids Res. 21:1919-1925 (1993)
	CP	Zhang and Nicholson	"Regulation of ribonuclease III processing by double-helical sequence antideterminants," Proc. Natl. Acad. Sci. 94:13437-13441 (1997)
	CQ	Nicholson	"Function, mechanism and regulation of bacterial ribonucleases," FEMS Microbiol. Reviews 23:371-390 (1999)
	CR	Sun and Nicholson	"Mechanism of Action of <i>Escherichia coli</i> Ribonuclease III. Stringent Chemical Requirement for the Glutamic Acid 117 Side Chain and Mn <sup>2+</sup> Rescue of the Glu117Asp Mutant," Biochem. 40:5102-5110 (2001)
	CS	Hannon	"RNA interference," Nature 418:244-251 (2002)
	CT	Elbashir et al.	"RNA interference is mediated by 21- and 22-nucleotide RNAs," Genes & Dev. 15:188-200 (2001)
	CU	Martinez et al.	"Single-Stranded Antisense siRNAs Guide Target RNA Cleavage in RNAi," Cell 110: 563-574 (2002)
	CV	Lee et al.	"An Extensive Class of Small RNAs in <i>Caenorhabditis elegans</i> ," Science 294: 862-864 (2001)
	CW	Elbashir et al.	"Functional anatomy of siRNAs for mediating efficient RNAi in <i>Drosophila melanogaster</i> embryo lysate," EMBO Journal 20:6877-6888 (2001)
	CX	Milligan et al.	"Oligoribonucleotide synthesis using T7 RNA polymerase and synthetic DNA templates," Nucleic Acids Res. 15:8783-8798 (1987)
	CY	Sun et al.	"Intrinsic Double-Stranded-RNA Processing Activity of <i>Escherichia coli</i> Ribonuclease III Lacking the dsRNA-Binding Domain," Biochem. 40:14976-14984 (2001)
LP	CZ	Robertson et al.	"Purification and Properties of Ribonuclease III from <i>Escherichia coli</i> ," Journal of Biol. Chem. 243:82-91 (1968)

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1. P	DA	Byron et al.	"Inducing RNAi with siRNA Cocktails Generated by Rnase III," Ambion TechNotes Newsletter 10/1:4-7 (2003)
	DB	Zamore et al.	"RNAi: Double-Stranded RNA Directs the ATP-Dependent Cleavage of mRNA at 21 to 23 Nucleotide Intervals," Cell 101:25-33 (2000)
	DC	Kawasaki et al.	"siRNAs generated by recombinant human Dicer induce specific and significant but target site-independent gene silencing in human cells," Nucleic Acids Res. 31/3:981-987 (2003)
	DD	Ambros	"microRNAs: Tiny Regulators with Great Potential," Cell 107:823-826 (2001)
	DE	Court	<u>Control of Messenger RNA Stability</u> , Belasco, J.G. et al, eds, Academic Press, New York (1993) 71-116
1. P	DF	Sambrook et al.	Molecular Cloning: A Laboratory Manual, 3 <sup>rd</sup> ed., Cold Spring Harbor Press, Cold Spring, NY: 7.75-7-81 (2001)

Examiner Signature:	<u><i>Deanna P. Pina</i></u>
Date Considered:	<u><i>03/31/06</i></u>
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